



Name of the Program	B.Sc Chemistry
Name of the Program Co-ordinator	Ms. Vidya K. Jose
Expected Achievement Level for PO, PSO & CO	3

Analysis of CO Attainment

<i>Course No</i>	<i>Course Code</i>	<i>Course Name</i>	<i>Course Attainment Value</i>
Course 1	EN1CC01	FINE-TUNE YOUR ENGLISH	3
Course 2	EN1CC02	PEARLS FROM THE DEEP	3
Course 3	ML1CCT01/ HN 1 CCT01	കഥാസാഹിത്യം/ PROSE & ONE ACT PLAYS	3
Course 4	CH1CRT01	GENERAL AND ANALYTICAL CHEMISTRY	3
Course 5	MM1CMT01	PARTIAL DIFFERENTIATION, MATRICES, TRIGONOMETRY AND NUMERICAL METHODS	3
Course 6	PH1CMT02	PROPERTIES OF MATTER & THERMODYNAMICS	3
Course 7	EN2CC03	ISSUES THAT MATTER	3
Course 8	EN2CC04	SAVORING THE CLASSICS	3
Course 9	ML2CCT02/ HN2CCT02	കവിത/ Short stories and Novel	3
Course 10	CH2CRT02	THEORETICAL AND INORGANIC CHEMISTRY	3
Course 11	PH2CMT02	MECHANICS AND SUPERCONDUCTIVITY	3
Course 12	MM2CMT01	INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS	3
Course 13	CH2CRP01	VOLUMETRIC ANALYSIS	3
Course 14	PH2CMP01	Complementary Physics Practical 1	3
Course 15	EN3CC05	LITERATURE AND/AS IDENTITY	3
Course 16	CML3CCT03/ HN3CCT03	ദ്വ്യശ്യാകലാസാഹിത്യം/Poetry, Grammar and Translation	2.8
Course 17	CH3CRT03	ORGANIC CHEMISTRY – I	3



Course 18	MM3CMT01	VECTOR CALCULUS, ANALYTIC GEOMETRY AND ABSTRACT ALGEBRA	2.6
Course 19	PH3CMT02	MODERN PHYSICS AND MAGNETISM	3
Course 20	EN4CC06	ILLUMINATIONS	3
Course 21	ML4CCT04/ HN4CCT041	മലയാളഗദ്യരചനകൾ/ Drama and Long Poem	3
Course 22	CH4CRT04	ORGANIC CHEMISTRY –II	3
Course 23	MM4CMT-01	FOURIER SERIES, LAPLACE TRANSFORM AND COMPLEX ANALYSIS	3
Course 24	PH4CMT02	OPTICS AND SOLID STATE PHYSICS	3
Course 25	CH4CRP02	QUALITATIVE ORGANIC ANALYSIS	3
Course 26	PH4CMP02	Complementary Physics Practical 2	3
Course 27	CH5CRT05	Environment, Ecology and Human Rights	3
Course 28	CH5CRT06	ORGANIC CHEMISTRY – III	3
Course 29	CH5CRT07	PHYSICAL CHEMISTRY – I	3
Course 30	CH5CRT08	PHYSICAL CHEMISTRY – II	3
Course 31	CH5OPT01	OPEN COURSE	3
Course 32	CH6CRT09	INORGANIC CHEMISTRY	3
Course 33	CH6CRT10	ORGANIC CHEMISTRY - IV	3
Course 34	CH6CRT11	PHYSICAL CHEMISTRY – III	3
Course 35	CH6CRT12	PHYSICAL CHEMISTRY – IV	3
Course 36	CH6CRP03	QUALITATIVE INORGANIC ANALYSIS	3
Course 37	CH6CRP04	ORGANIC PREPARATIONS AND LABORATORY TECHNIQUES	3
Course 38	CH6CRP05	PHYSICAL CHEMISTRY PRACTICALS	3
Course 39	CH6CRP06	GRAVIMETRIC ANALYSIS	3
Course 40	CH6CBT03	SOIL AND AGRICULTURAL CHEMISTRY	3
Course 41	CH6PR01	Project & Industrial visit and comprehensive viva-voce	3

Recommendations:

- Additional support to be given for complementary Mathematics paper. More problem solving sessions to be conducted.
- Peer teaching may be used for improving the performance of students.



Analysis of PSO Attainment

<i>PSO No</i>	<i>PSO</i>	<i>PSO Attainment Value</i>
PSO1	Describe the major concepts and theoretical principles in Chemistry (Understand)	2.99
PSO2	PSO2: Develop communication, analytical, creative, and cognitive skills to identify, investigate, formulate and transmit new ideas and concepts with social responsibility and environmental consciousness (Apply)	2.99
PSO3	Analyse the various macro and micro nutrients by identifying the components and physical and chemical aspects of soil (Analyse)	2.99
PSO4	Integrate critical thinking and scientific knowledge to design, perform, record and analyse experiments. (Create)	2.99
PSO5	Solve problems using basic understandings in chemistry, physics, and mathematics(Apply)	2.99

Analysis & Recommendations:

- PSO's almost achieved. Here, the attainment level bench mark criteria may be raised.

Analysis of PO Attainment

<i>PO No</i>	<i>PO's</i>	<i>PO Attainment Value</i>
PO1	Acquire Domain Knowledge	2.99
PO2	Develop Critical Thinking and Problem-Solving Ability	2.99
PO3	Lifelong Learning Capability in the Socio-Cultural and Technological Sphere	2.99
PO4	Develop Practical Skills in the area of study	2.99
PO5	Enhance Leadership Skills, Technical Expertise and Entrepreneurship Aptitude	2.99
PO6	Develop Communication skills and Interpersonal Skills	2.99
PO7	Create a drive for Social and Scientific Innovation	2.99
PO8	Develop Values and Ethical Outlook for Responsible Citizenship	2.99
PO9	Develop Positive Attitude toward Environmental Sustainability and Inclusive Growth	2.99
PO10	Improve Employability of Students through Application Oriented learning	2.99



Recommendations:

- Interaction of students with experts in the subject, capability enhancement sessions as well as activities on sustainability may be conducted
- PO attainment is almost met. Here the attainment level bench mark criteria may be raised.

Report Prepared by : Ms. Vidya K. Jose (Program Co-ordinator)

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